PTO/SB/21 (02-04) Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
arwork Reduction Act of 1995. no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/612379 TRANSMITTAL Filing Date 07/01/03 **FORM** First Named Inventor Oliver Hobert Art Unit to be determined (to be used for all correspondence after initial filing) **Examiner Name** to be assigned Attorney Docket Number 11 5199-92 Total Number of Pages in This Submission

	ENCLOSURES (Check all that apply)							
	Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53		Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address Terminal Disclaimer Request for Refund CD, Number of CD(s) Remarks		After Allowance communication to Technology Center (TC) Appeal Communication to Board of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please Identify below): Return receipt postcard			
		SIGNA	TURE	OF APPLICA	IT, ATTORNEY, C	R AG	ENT	
Firm or Individu	ual name	Todd Holmbo, Reg. No. 4	2,665					
Signature AM A Aous								
Date	Date 02/09/04							
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sufficier	I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.							

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Date

02/09/04

Typed or printed name

Signature

Ping Xiao

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

e Application of:

Oliver Hobert

Docket No.:

5199-92

Serial No.:

10/612379

Examiner:

to be assigned

Filed:

July 1, 2003

Group Art Unit: to be determined

Title:

METHOD OF SCREENING FOR AGENTS INHIBITING CHLORIDE INTRACELLULAR CHANNELS

February 9, 2004

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

<u>INFORMATION DISCLOSURE STATEMENT</u> <u>UNDER 37 CFR §1.97(b)</u>

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, applicant hereby notifies the U. S. Patent and Trademark Office of the following documents, which are listed on the attached PTO/SB/08A form. The examiner may deem these documents to be relevant to patentability of the claims of the above-identified application. Copies of the documents are enclosed for the examiner's convenience.

The submission of the listed documents is not intended as an admission that any of the documents constitute prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Applicants respectfully request that the listed documents be considered by the examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with MPEP §609.

It is understood that no fee is necessary for submission of this Information Disclosure Statement, as it is being filed before the later of three months from the filing date or the mailing of the first Office Action on the merits.

The Commissioner is hereby authorized to charge payment of any fees associated with this application or credit any overpayment to Deposit Account No. 02-4270.

Respectfully submitted,

Todd Holmbo

Reg. No. 42,665

Attorney for Applicants

BROWN RAYSMAN MILLSTEIN

FELDER & STEINER LLP

163 Madison Avenue

P.O. Box 1989

Morristown, New Jersey 07962-1989

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Sheet 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

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Application Number	10 / 612379				
Filing Date	07/01/03				
First Named Inventor	Oliver Hobert				
Art Unit	to be determined				
Examiner Name	to be assigned				
Attorney Docket Number	5199-92				

		 	U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 6,465,715 B1	10-15-2002	Zwaal et al.	
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FOREIGN PATENT DOCUMENTS									
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear				
		WO 02/24872 A 2	03-28-2002	Banerjee et al.					
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Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	9	HOGAN, P. et al., " Organogenesis: Molecular Mechanisms of Tubulogenesis."	
	-	Nat. Rev. Genet. 3(7):513-23, 2000	
		LUBARKSKY, M. et al., "Tube Morphogenesis: Making and Shaping Biological Tubules."	
		Cell 112(1):19-28, 2003	
	¢	J. FOLKMAN and C. HAUDENSCHILD, "Angiogenesis in Vitro."	
	8,	Nature 288(5791):5551-6, 1980.	
	χ,	G.E. DAVIS and C.W. CAMARILLO, "An Alpha 2 Beta 1 Integrin-Dependent Pinocytic Mechanism Involving Intracellular Vacuole Formation and	
		Coalescence Regulates Capillary Lumen and Tube Formation in Three- Dimentional Collagen Matrix.	
		Exp. Cell Res. 224(1):39-51, 1996	

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		G.J. BEITEL and M.A. KRASNOW, "Genetic Control of Epithelial Tube Size in the Drosophila Tracheal System."				
_	\varphi	Development 127(15):3271-82, 2000.				
		R.J. METZGER and M.A. KRASNOW, "Genetic Control of Branching Morphogenesis."				
	7	Science 284(5420):1635-9, 1999				
		G. MANNING and M.A. KRASNOW, in the Development of Drosophila Melanogaster				
		M. Bate and A. Martinez Arias, Eds., Cold Spring Harbor Laboratory Press				
		Cold Spring Harbor, NY, Vol. 1:609-685, 1993 (N/A)				
_	17	F.K. NELSON, et al., "Fine Structure of the Caenorhabditis Elegans Secretory-Excretory System."				
	#	J. Ultrastruct. Res. 82(2):156-71, 1983				

Examiner	Date
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		F.K. NELSON and D.L. RIDDLE, "Functional Study of the Caenorhabditis Elegans Secretory-Excretory System Using Lazer Microsurgery."	
	a \	J. Exp. Zool. 231(1):45-56, 1984	
	√ P	M. BUECHNER, "Tubes and the Single C. Elegans Excretory Cell."	
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	مد	J.R. WOLFF and T. BAR, "Seamless Endothelia in Brain Capillaries During Development of the Rat's Cerebral Cortex."	
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-		HOGAN and KOLODZIEJ, "Organogenesis: Molecular Mechanisms of Tubulogenesis."	
		Nat. Rev. Genet. 3(7):513-23, 2002 (N/A)	
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	Λþ	M. BUECHNER, et al., "Cystic Canal Mutants in Caenorhabditis Elegans are Defective in the Apical Membrane Domain of the Renal (Excretory)."	
		Cell. Dev. Biol. 214:227-241, 1999.	
		HARROP, et al., "Crystal Structure of a Soluble Form of the Intracellular Chloride Ion Channel CLIC (NCC27) at 1,4-A Resolution." (N/A)	
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	33	LI and WEINMAN, "Chloride Channels and Hepatocellular Function: Prospects for Molecular Identification."	
	34	Annu. Rev. Physiol. 64:609-633, 2002	
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Art Unit	to be determined
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	27.	JENTSCH, et al., "Molecular Structure and Physiological Function of Chloride Channels."	
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		RONNOV-JESSEN, "Differential Expression of a Chloride Intracellular Channel Gene, CLIC4, in Transforming Growth Factor-Beta1-Mediated Conversion of	
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	4	J. Physiol. 529(3):541-552, 2000.	
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	".X	J. Biol. Chem. 274:36488-36497, 1999.	
	w	FERNANDEZ-SALAS, et al., "mtCLIC/CLIC4, an Organellular Chloride Channel Protein is Increased by DNA Damage and Participates in the Apoptotic Response	
		to p53."	
		Mol. Cell Biol. 22:3610-3620, 2002.	
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		(Early 1995 Intenational Worm Meeting, Abstract 320, 1995.) (N/A)	
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3	SUZUKI, et al., "A Putative GDP-GTP Exchange Factor is Required for Development of the Excretory Cell in Caenorhabditis Elegans."	
	EMBO Rep. 2:530-535, 2001.	
	Cite No.1	Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. SUZUKI, et al., "A Putative GDP-GTP Exchange Factor is Required for Development of the Excretory Cell in Caenorhabditis Elegans."

Examiner Date Signature Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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